

ATTACHMENT 9 – PAST PERFORMANCE

The Agency has a lot experience in implementing groundwater management planning and construction projects. These projects were successfully conducted. These projects significantly contributed to the improved groundwater management by the Agency, as briefly described below.

2008 Design-Build Two Groundwater Monitoring Wells

In 2008, the Agency oversaw the design and installation of two groundwater monitoring wells within the Saugus Formation. The project included: preparation of the planned well construction design; mobilization including drilling permits, agreements for encroachment or access, preparation of a traffic control plan, and utilities clearance; drilling installation, and development of the two Saugus monitoring wells; instigation of derived waste handling and disposal at the appropriate licensed offsite facility; and preparation of a technical memorandum summarizing the well installation procedures that included a location map, boring logs, and surveyed coordinates and elevations. The project was completed on schedule, and within the budget of \$509,000.

2003 AB 3030 Groundwater Management Plan

CLWA prepared a GWMP in accordance with the provisions of Water Code Section 10753, which was originally enacted by AB 3030. The general contents of CLWA's GWMP were outlined in 2002, and a detailed plan was adopted in 2003 to satisfy the requirements of AB 134. The plan both complements and formalizes a number of existing water supply and water resource planning and management activities in CLWA's service area, which effectively encompasses the East Subbasin of the Santa Clara River Valley Groundwater Basin. Notably, CLWA's GWMP also includes a basin-wide monitoring program, the results of which provide input to annual reporting on water supplies and water resources in the Basin, as well as input to assessment of Basin yield for water supply as described herein. The GWMP was completed on schedule, and within the budget of \$80,000.

Following adoption of the GWMP, the water suppliers developed and utilized a numerical groundwater flow model for analysis of groundwater basin yield and for analysis of extraction and containment of groundwater contamination. The results of those basin yield and contamination analyses, most recently updated in 2009 (Basin Yield Analysis, 2009), are bases for the amounts and allocations of groundwater supplies in the UWMP. In 2011, CLWA and the retail water purveyors entered into a new MOU to establish a voluntary cooperative groundwater monitoring association. The existing groundwater monitoring program from the GWMP will be reflected in the groundwater reporting to DWR as part of SBX7-6 implementation through this MOU.

2010 Urban Water Management Plan

In 2010, CLWA with the assistance of the local water purveyors updated the Santa Clarita Valley Urban Water Management Plan (UWMP). CLWA submitted its 2010 UWMP to DWR on July 21, 2011. The Plan included its four local retail water agencies in the Santa Clarita Valley: CLWA's Santa Clarita Water Division, Newhall County Water District, Valencia Water Company, and Los Angeles County Waterworks District No. 36. The completed plan was also uploaded to the online DOST submittal tool. DWR reviewed the Agency and retailer plans and found that the plans address the requirements of the California Water Code via a letter dated January 24, 2012.

FY 2001-2008 ACOE Reimbursements/Grants for Perchlorate Treatment Actions

CLWA has been a cost-sharing sponsor of the Eastern Santa Clara Basin Groundwater Study prepared by the U.S. Army Corps of Engineers (USACE). The main objective of this project has been to characterize the existing study area conditions in order to develop and evaluate long-term solutions and to address impacted groundwater in the basin. Extensive hydrogeologic investigations were undertaken. A MODFLOW fate and transport model was prepared, which has been used by USACE, CLWA and other stakeholders. The project was extended to update monitoring programs related to a perchlorate near the former Whittaker-Bermite Property in Santa Clarita. The program involved selection of monitoring locations, frequency of monitoring, selection of analytical parameters, laboratory methods, and methodology for the evaluation of the monitoring data (including capture zone and contaminant trend analysis). USACE installed 19 monitoring wells as part of the program. The program has generated abundant meaningful data that have benefitted the Valley's water purveyors. But more data are needed from additional locations to properly manage the basin's groundwater resources.

Performance on Past Projects

The Agency has performed well on the projects listed above with respect to work quality, managing funds, and schedule. The Agency has demonstrated through the completion of the above listed projects that deadlines can be met. Here are some specific items to further illustrate how the past performance supports the current grant project:

- The proposed grant project in this application includes the installation of a monitoring well which is of a similar nature to the 2008 Design-Build Two Groundwater Monitoring Wells project. This further demonstrates the ability of the Agency to successfully manage a project of a similar nature.
 - The installation of the two monitoring wells in the 2008 Design-Build project produced high quality data. These data were integrated into 2009 Basin Yield Report and 2010 Urban Water Management Plan, which produced the current improved understanding the groundwater basin.
 - The proposed grant project is based on the conclusions of these previous projects which demonstrated a need for expanded groundwater monitoring and will go towards meeting the objectives of the groundwater management plan and developing long-term solutions for management the perchlorate plume that is present in the Saugus Formation.
 - The previous projects also afforded additional opportunities for agency collaboration. The current proposal will further facilitate CLWA's ability to address concerns by state regulatory agencies with which it is working (the county Department of Public Health and the Department of Toxic Substances Control, which is reviewing and overseeing the ongoing voluntary cleanup activities in the area).
-